This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`

McLEOD'S
MIDDLE-CLASS
ATLAS.

5/-

Digitized by Google

600025582S

Digitized by Google

Digitized by Google

Digitized by Google

MIDDLE-CLASS ATLAS

OF

GENERAL GEOGRAPHY

In a Series of Twenty-nine Maps

CONTAINING

THE MOST RECENT TERRITORIAL CHANGES AND DISCOVERIES, AND EXHIBITING AT A GLANCE, BY MEANS OF SECTIONS, DIAGRAMS, &c., THE MOUNTAINS, RIVERS, AND AREAS OF THE VARIOUS COUNTRIES OF THE WORLD.

BY

WALTER M'LEOD, F.R.G.S., F.A.S.L., &c.

THE MAPS ENGRAVED BY E. WELLER, F.R.G.S.

LONDON:
LONGMAN, GREEN, LONGMAN, ROBERTS, & GREEN.
1864.

Digitized by Google

LONDON
PRINTED BY SPOTTISWOODE AND CO.
NEW-STREET SQUARE

Digitized by Google

PREFACE.

THE Middle-Class Atlas was originally designed for the use of Candidates preparing for the Oxford Local Examinations. It was suggested that the work should be enlarged so as to contain maps of all the divisions and the most important countries of the world. In accordance, therefore, with the recommendations of those well qualified to give an opinion on the subject, the present Atlas is issued for use in Collegiate, Grammar, and Private Schools.

The impetus that has been given to education by the competitive examinations, has necessitated a thorough study of certain branches of knowledge, and a different class of books in those schools in which the pupils must attain the standards required for admission into the Army, the Navy, the various Government Offices, and the best Commercial Houses. And, in many departments, no one is eligible for an appointment unless he satisfies the Examiners in Geography.

As this Atlas is specially designed for those qualifying for the Civil Service, the Army, and the University Local Examinations, particular attention has been paid to those points on which the Candidates are tested,—such as the coast-lines, the directions of mountain chains, the courses of rivers, and the boundaries of counties, kingdoms, &c. On the borders of each map, in the space usually left blank, the mountains, with their heights, the lengths of rivers, and the areas of the countries are exhibited by means of lines, sections, and diagrams. Pupils will thus learn, at a glance, the features of a country which it is advisable firmly to fix in the memory.

As regards price, accuracy of details, and carefulness of finish, the work will rank with any Atlas that has issued from the press.

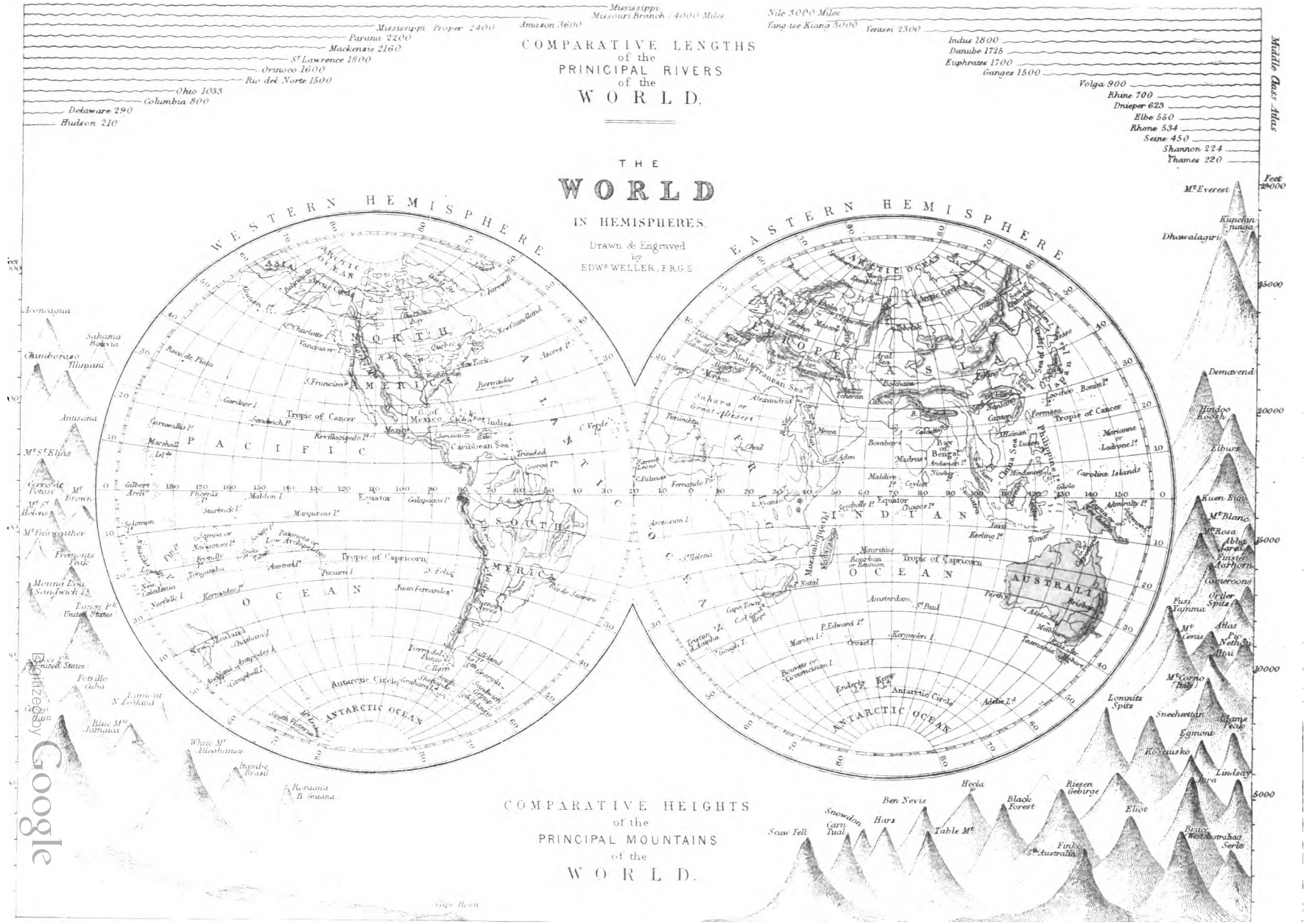
ROYAL MILITARY ASYLUM,
CHELSEA · *January* 1864.

Digitized by Google

LIST OF MAPS.

1. THE WORLD IN HEMISPHERES, WITH TABLES OF THE HEIGHTS OF MOUNTAINS AND LENGTHS OF RIVERS.
2. EUROPE.
3. PHYSICAL MAP OF THE BRITISH ISLES.
4. ENGLAND AND WALES.
5. SCOTLAND.
6. IRELAND.
7. SPAIN AND PORTUGAL.
8. FRANCE.
9. HOLLAND AND BELGIUM.
10. PRUSSIA AND WESTERN GERMANY.
11. DENMARK.
12. SWEDEN AND NORWAY.
13. RUSSIA.
14. AUSTRIAN EMPIRE.
15. SWITZERLAND.
16. ITALY.
17. TURKEY AND GREECE.
18. ASIA.
19. TURKEY IN ASIA, AND PART OF PERSIA.
20. PALESTINE.
21. INDIA AND THE MALAY PENINSULA.
22. AFRICA, CAPE COLONY, AND PART OF ARABIA.
23. NORTH AMERICA.
24. BRITISH COLONIES IN NORTH AMERICA.
25. UNITED STATES.
26. WEST INDIES AND CENTRAL AMERICA.
27. SOUTH AMERICA AND BRITISH GUIANA.
28. AUSTRALIA.
29. AUSTRALIAN COLONIES.

Digitized by Google

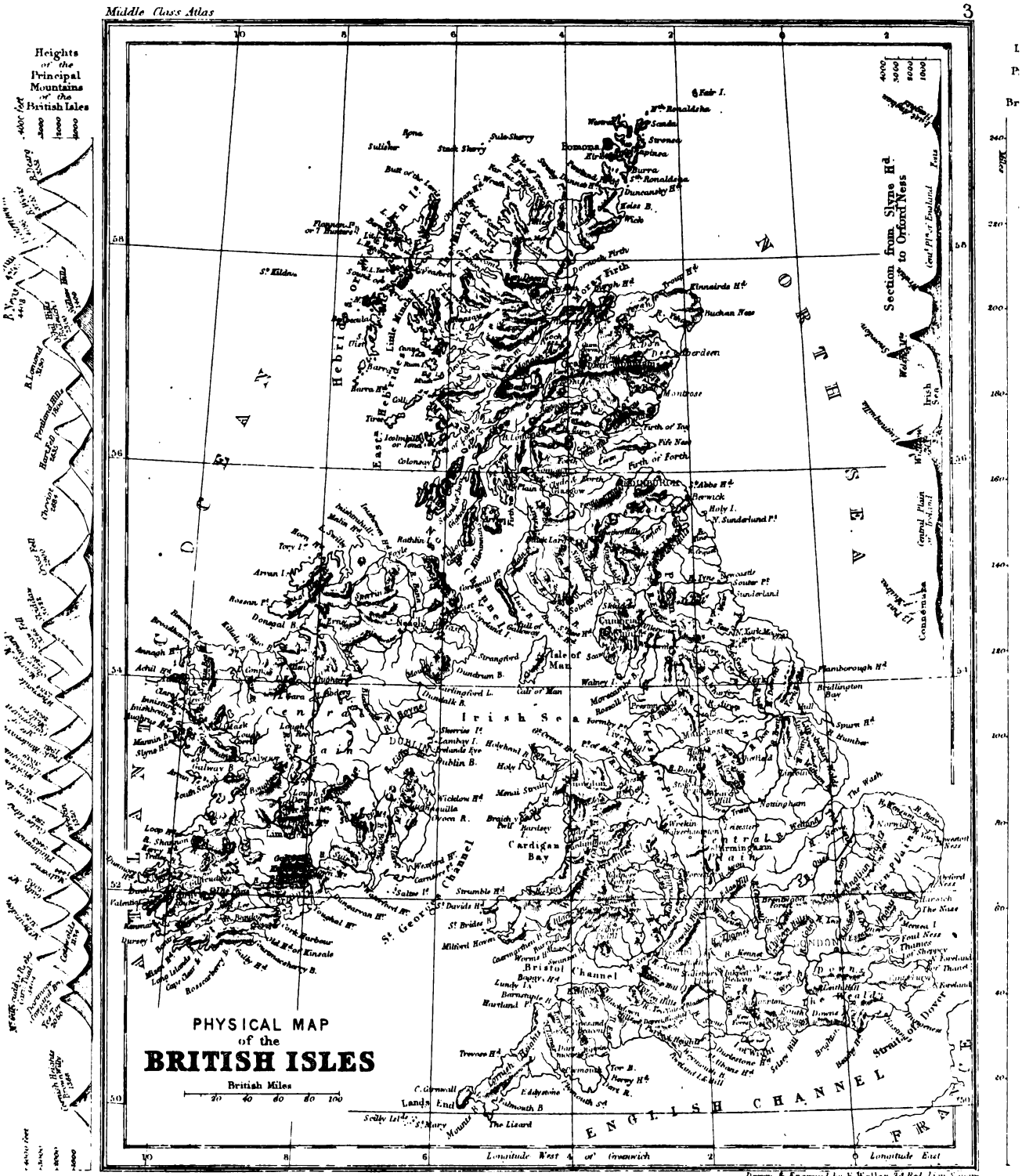


Digitized by Google

Digitized by Google

Europe Area 3,900,000 Sq. Miles
Length 3400 Miles
Europe
Breadth 2400 Miles
England & Wales Area 58,000 Sq. Miles
Length 420 Miles
England & Wales
Breadth 360 Miles
Heights of the Principal Mountains of Europe
Lengths of the Principal Rivers of Europe
Middle Class Atlas
EUROPE
English Miles
Geographical Miles
Longitude West 0 Longitude East of Greenwich
Arctic Circle
ICELAND
NORTH SEA
BALTIC SEA
GULF OF BOTHNIA
FRANCE
SPAIN
PORTUGAL
GERMANY
Poland
RUSSIA
SWEDEN
NORWAY
AUSTRIA
HUNGARY
TURKEY
GREECE
ITALY
SWITZERLAND
MEDITERRANEAN SEA
BLACK SEA
CASPIAN SEA
ASIA MINOR
AFRICA
Morocco
Algiers
Tunis
Malta
Candia
Rhodes
Cyprus
Danube 1725
Volga 900
Rhine 760
Dniepr 615
Loire 560
Elbe 550
Vistula 540
Oder 530
Dwina 500
Don 468
Seine 450
Douro 400
Pruth 360
Tiber 240
Shannon 224
Thames 220
Drawn & Engraved by E. Wellew, Red Lion Square
London, Longman & Co.

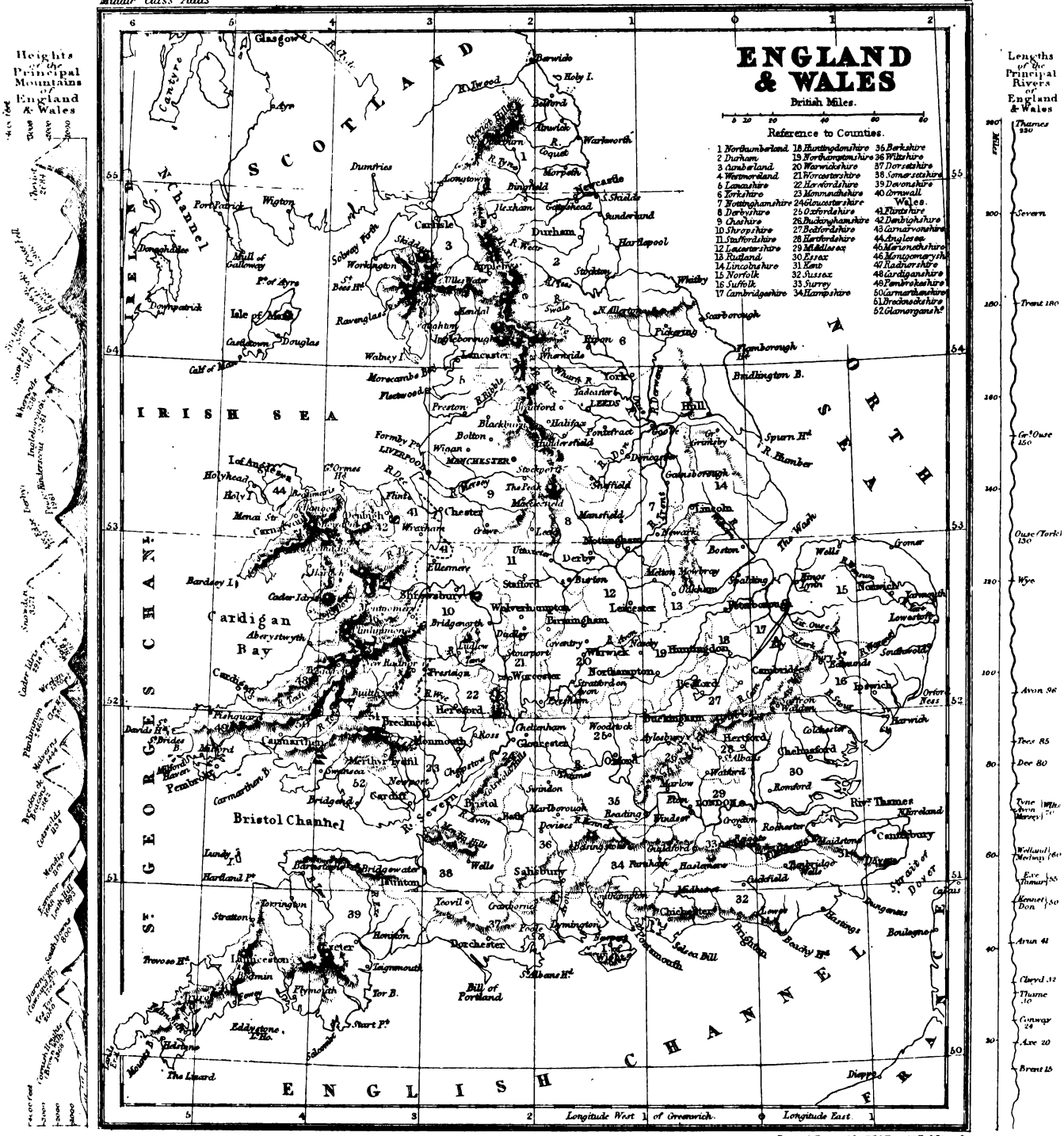
Digitized by Google



London: Longman & Co.
Drawn & Engraved by E. Weller, 34 Red Lion Square

Digitized by Google

Digitized by Google


ENGLAND & WALES
British Miles.
0 20 40 60 80 100
Reference to Counties.
1 Northumberland
2 Durham
3 Cumberland
4 Westmorland
5 Lancashire
6 Yorkshire
7 Nottinghamshire
8 Derbyshire
9 Cheshire
10 Shropshire
11 Staffordshire
12 Leicestershire
13 Rutland
14 Lincolnshire
15 Norfolk
16 Suffolk
17 Cambridgeshire
18 Huntingdonshire
19 Northamptonshire
20 Warwickshire
21 Worcestershire
22 Herefordshire
23 Monmouthshire
24 Gloucestershire
25 Oxfordshire
26 Buckinghamshire
27 Bedfordshire
28 Hertfordshire
29 Middlesex
30 Essex
31 Kent
32 Sussex
33 Surrey
34 Hampshire
35 Berkshire
36 Wiltshire
37 Dorsetshire
38 Somersetshire
39 Devonshire
40 Cornwall.
Wales.
41 Flintshire
42 Denbighshire
43 Carnarvonshire
44 Anglesea
45 Merionethshire
46 Montgomeryshire
47 Radnorshire
48 Cardiganshire
49 Pembrokeshire
50 Carmarthenshire
51 Brecknockshire
52 Glamorganshire
SCOTLAND
IRISH SEA
ENGLISH CHANNEL
NORTH SEA
GEORGES CHANNEL
St. George's Channel
Irish Sea
Bristol Channel
Cardigan Bay
Solway Firth
Firth of Forth
Firth of Tay
Moray Firth
Firth of Clyde
Loch Lomond
Loch Ness
Loch Awe
Loch Katrine
Loch Tay
Loch Leven
Loch Maree
Loch Shiel
Loch Fyne
Loch Rannoch
Loch Lochy
Loch Arkaig
Loch Morar
Loch Hourn
Loch Alsh
Loch Broom
Loch Ryan
Loch Linnhe
Loch Etive
Loch Long
Loch Eil
Loch Garry
Loch Quoich
Loch Hope
Loch Eriboll
Loch Inver
Loch Shin
Loch Naver
Loch Assynt
Loch Erribol
Loch Doon
Loch Skene
Loch Urr
Loch Ken
Loch Dee
Loch Trool
Loch Grannoch
Loch Whinnyie
Loch Lomond
Loch Ness
Loch Awe
Loch Katrine
Loch Tay
Loch Leven
Loch Maree
Loch Shiel
Loch Fyne
Loch Rannoch
Loch Lochy
Loch Arkaig
Loch Morar
Loch Hourn
Loch Alsh
Loch Broom
Loch Ryan
Loch Linnhe
Loch Etive
Loch Long
Loch Eil
Loch Garry
Loch Quoich
Loch Hope
Loch Eriboll
Loch Inver
Loch Shin
Loch Naver
Loch Assynt
Loch Erribol
Loch Doon
Loch Skene
Loch Urr
Loch Ken
Loch Dee
Loch Trool
Loch Grannoch
Loch Whinnyie
Glasgow
Edinburgh
Berwick
Holy I.
Belford
Alnwick
Warkworth
Coquet R.
Morpeth
Newcastle
S. Shields
Sunderland
Durham
Hartlepool
Stockton
Whitby
Scarborough
Flamborough Hd
Bridlington B.
Spurn Hd
R. Humber
Hull
Grimsby
Gainsborough
Lincoln
Boston
The Wash
Wells
Cromer
Yarmouth
Lowestoft
Southwold
Harwich
Orfordness
Ipswich
Colchester
Chelmsford
Romford
Rochester
Canterbury
Maidstone
Ashford
Dover
Calais
Boulogne
Hastings
Beachy Hd
Dungeness
Rye
Winchelsea
Brighton
Worthing
Chichester
Selsea Bill
Portsmouth
Southampton
Lymington
Poole
Weymouth
Portland Bill
St Albans Hd
Dorchester
Bridport
Lyme
Axmouth
Sidmouth
Exmouth
Exeter
Teignmouth
Torbay
Plymouth
Eddystone L.Ho.
Start Pt
Prawle Pt
Salcombe
Dartmouth
Torquay
Brixham
Tor B.
Bill of Portland
Lizard
Land's End
Scilly Is
Isle of Man
Douglas
Castletown
Peel
Calf of Man
Ramsey
Douglas Bay
Port Erin
Port St Mary
Kirk Michael
Peel Bay
Laxey
Onchan
Douglas Head

Digitized by Google

Scotland. (Area 30,000 Sq. Miles) Length 280 Miles

Scotland Breadth 175 Miles

England & Wales (Area 58,000 Sq. Miles) Length 420 Miles

England & Wales Breadth 350 Miles

SCOTLAND

English Miles. 0 10 20 30 40 50

Geographical Miles. 0 10 20 30 40

Reference to Counties.

Northern.	Central & Southern.
1 Orkney	16 Fife
2 Caithness	17 Kinross
3 Sutherland	18 Clackmannan
4 Cromarty	19 Stirling
5 Ross	20 Dumbarton
6 Inverness	21 Renfrew
7 Nairn	22 Lanark
8 Elgin or Moray	23 Linlithgow
9 Banff	24 Edinburgh
10 Aberdeen	25 Haddington
11 Kincardine	26 Berwick
12 Forfar	27 Roxburgh
13 Perth	28 Selkirk
14 Argyle	29 Peebles
15 Bute	30 Dumfries
	31 Kirkcudbright
	32 Ayr
	33 Wigton

ATLANTIC OCEAN

NORTH SEA

IRELAND

ENGLAND

Western Isles

Shetland Islands

Firth of Clyde

Firth of Forth

Firth of Lorn

Moray Firth

Solway Firth

North Channel

Little Minch

Sound of Jura

Pentland Firth

Longitude West 3 of Greenwich

Drawn & Engraved by E. Weller, Bedford Square

Digitized by Google

Heights of the principal mountains of Ireland

Reference to Counties.

Ulster.
1 Antrim
2 Londonderry
3 Donegal
4 Tyrone
5 Fermanagh
6 Cavan
7 Monaghan
8 Armagh
9 Down

Leinster.
10 Louth
11 East Meath
12 West Meath
13 Longford
14 Kings County
15 Queens County
16 Kildare
17 Dublin
18 Wicklow
19 Wexford
20 Carlow
21 Kilkenny

Munster.
22 Tipperary
23 Waterford
24 Cork
25 Kerry
26 Limerick
27 Clare

Connaught.
28 Galway
29 Roscommon
30 Leitrim
31 Sligo
32 Mayo

IRELAND

British Miles.

Longitude West of Greenwich.

London, Longman & Co. Drawn & Engraved by E. Weller, 34 Red Lion Sq.

Digitized by Google

Digitized by Google

Spain & Portugal (Area 218,000 Sq. Miles) — Length 640 Miles — Breadth 530 Miles

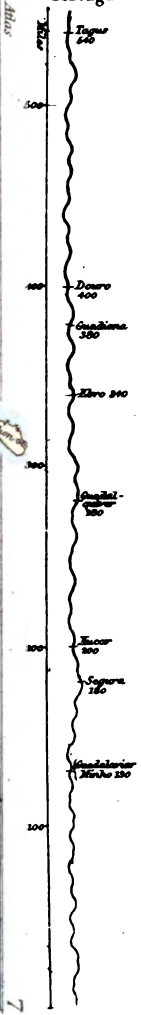
England & Wales Area 58,000 Sq Miles — Length 420 Miles

Spain & Portugal — Breadth 530 Miles

England & Wales — Breadth 360 Miles

Heights of the Principal Mountains of Spain & Portugal

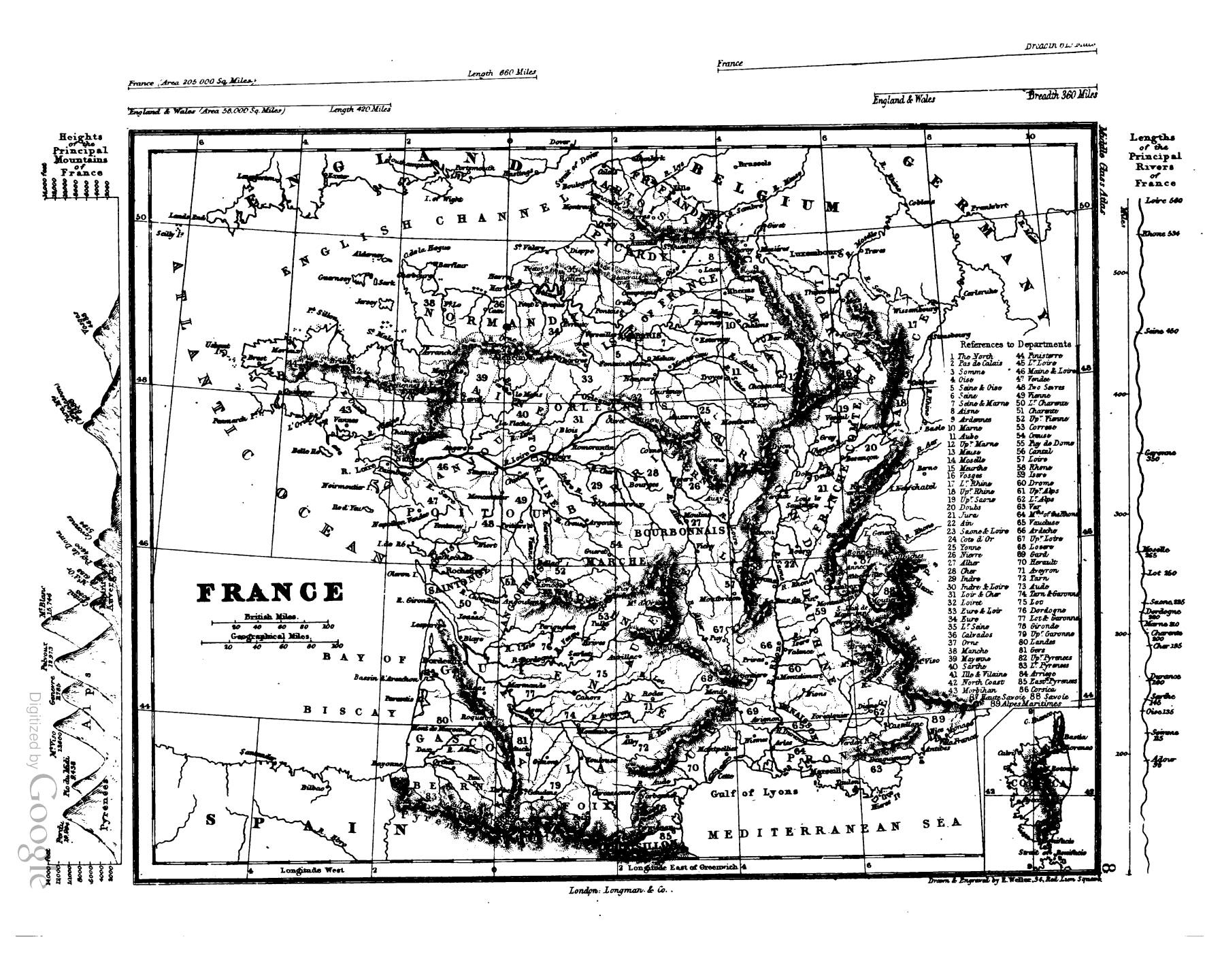
Lengths of the Principal Rivers of Spain & Portugal



Middle Class Atlas.

Digitized by Google

Digitized by Google


France Area 205 000 Sq. Miles
Length 660 Miles
England & Wales Area 58,000 Sq. Miles
Length 420 Miles
France
Breadth 360 Miles
England & Wales
Heights of the Principal Mountains of France
Lengths of the Principal Rivers of France
FRANCE
British Miles
Geographical Miles
ENGLISH CHANNEL
BAY OF BISCAY
ATLANTIC OCEAN
MEDITERRANEAN SEA
Gulf of Lyons
Pyrenees
Alps
SPAIN
BELGIUM
GERMANY
SWITZERLAND
ITALY
NORMANDY
PICARDY
BRETAGNE
GUIENNE
GASCONY
BERRY
BOURBONNAIS
MARCHE
PROVENCE
DAUPHINE
LANGUEDOC
ALSACE
LORRAINE
FRANCHE COMTE
References to Departments
1 The North
2 Pas de Calais
3 Somme
4 Oise
5 Seine & Oise
6 Seine
7 Seine & Marne
8 Aisne
9 Ardennes
10 Marne
11 Aube
12 Upr Marne
13 Meuse
14 Moselle
15 Meurthe
16 Vosges
17 Lr Rhine
18 Upr Rhine
19 Upr Saone
20 Doubs
21 Jura
22 Ain
23 Saone & Loire
24 Cote d'Or
25 Yonne
26 Nievre
27 Allier
28 Cher
29 Indre
30 Indre & Loire
31 Loir & Cher
32 Loiret
33 Eure & Loir
34 Eure
35 Lr Seine
36 Calvados
37 Orne
38 Manche
39 Mayenne
40 Sarthe
41 Ille & Vilaine
42 North Coast
43 Morbihan
44 Finisterre
45 Lr Loire
46 Maine & Loire
47 Vendee
48 Two Sevres
49 Vienne
50 Lr Charente
51 Charente
52 Upr Vienne
53 Correze
54 Creuse
55 Puy de Dome
56 Cantal
57 Loire
58 Rhone
59 Isere
60 Drome
61 Upr Alps
62 Lr Alps
63 Var
64 Mouths of the Rhone
65 Vaucluse
66 Ardeche
67 Upr Loire
68 Losere
69 Gard
70 Herault
71 Aveyron
72 Tarn
73 Aude
74 Tarn & Garonne
75 Lot
76 Dordogne
77 Lot & Garonne
78 Gironde
79 Upr Garonne
80 Landes
81 Gers
82 Upr Pyrenees
83 Lr Pyrenees
84 Arriege
85 East Pyrenees
86 Corsica
87 Haute Savoie
88 Savoie
89 Alpes Maritimes
Longitude West
Longitude East of Greenwich
Drawn & Engraved by E. Weller, 54, Red Lion Square.
London: Longman & Co.

Digitized by Google

Holland (Area 13,600 Sq. Miles) Length 200 Miles
Belgium (Area 11,400 Sq. Miles) Length 195 Miles
England & Wales (Area 58,000 Sq. Miles) Length 420 Miles

Holland Breadth 120 Miles
Belgium Breadth 110 Miles
England & Wales Breadth 360 Miles

HOLLAND AND BELGIUM

English Miles 0 10 20 30 40 50

Geographical Miles 0 10 20 30 40 50

Note. Luxemburg belongs to Holland.

Note
There are no Hills in Holland, and a large portion of the Country is below the level of the Sea. The Hills in Belgium are not of any considerable elevation; the greatest height being about 1000 Feet.

NORTH SEA

FRANCE

PRUSSIA

HANOVER

Texel · Vlieland · Terschelling · Leeuwarden · Groningen · Bottendiep · Sneek · Warfum · Emden · Borkum · Norderney · Helder · Wieringen · Stavoren · Assen · Meppel · Hoogeveen · Coevorden · Odoorn · Camperdown · Enkhuisen · Medemblik · Alkmaar · Zuider Zee · Zwolle · Deventer · Oldenzaal · Enschede · Ryssel · Amsterdam · Haarlem · Leyden · Katwijk aan Zee · Old Rhine · Scheveningen · The Hague · Rotterdam · Utrecht · Amersfort · Arnhem · Zutphen · Harderwijk · Terwolde · Lovenaar · Cleves · Maubeuge · Hymegen · Bois le Duc · Breda · Bergen op Zoom · Eindhoven · Venloo · Dusseldorf · Cologne · Aix la Chapelle · Maestricht · Hasselt · Louvain · Brussels · Antwerp · Ostend · Bruges · Ghent · Oudenburg · Nieuport · Dunkirk · Ypres · Courtrai · Menin · Lille · Tournay · Valenciennes · Mons · Charleroi · Namur · Liege · Huy · Spa · Limburg · Verviers · Malplaquet · Cambrai · Walcourt · Chimay · Bastogne · Vianden · Luxemburg · Treves · Crecy · Oise R. · Meuse R. · Rhine R. · Moselle R. · Scheldt R. · Sambre R. · Lys R. · Dender R. · Demer R. · Roer R. · Ourthe R. · Lahn R. · Sambre & Meuse Canal · North Canal · Ardennes · Forest of Soignies · Forest of Marlagne · Forest of Sonian · Forest of Meirelbeke · Forest of Vilvorde · Forest of Zoniem · Forest of Waes · Forest of Ardennes · Forest of Argonne · Forest of Thierache · Forest of Compiegne · Forest of Hesdin · Forest of Boulogne · Forest of Arrouaise · Forest of Nieppe · Forest of Clairmarais · Forest of Houthulst · Forest of Ghistelles · Forest of Ostend · Forest of Dixmude · Forest of Ypres · Forest of Wervicq · Forest of Mormal · Forest of Vicogne · Forest of Raismes · Forest of Marchiennes · Forest of Orchies · Forest of Phalempin · Forest of Pevele · Forest of Flanders · Forest of Gavre · Forest of Meerdael · Forest of Soignies · Forest of Nivelles · Forest of Ligny · Forest of Fleurus · Forest of Charleroi · Forest of Thuin · Forest of Lobbes · Forest of Binche · Forest of Mariemont · Forest of Bonnet · Forest of Marlagne · Forest of Namur · Forest of Dinant · Forest of Rochefort · Forest of Marche · Forest of Famenne · Forest of Bievre · Forest of Herbeumont · Forest of Anlier · Forest of Luxemburg · Forest of Grevenmacher · Forest of Echternach · Forest of Diekirch · Forest of Clervaux · Forest of Wiltz · Forest of Esch · Forest of Mersch · Forest of Capellen · Forest of Steinfort · Forest of Arlon · Forest of Virton · Forest of Longwy · Forest of Montmedy · Forest of Carignan · Forest of Sedan · Forest of Mezieres · Forest of Rocroi · Forest of Philippeville · Forest of Couvin · Forest of Chimay · Forest of Beaumont · Forest of Maubeuge · Forest of Avesnes · Forest of Guise · Forest of Nouvion · Forest of Vervins · Forest of Marle · Forest of Coucy · Forest of Laon · Forest of Saint Gobain · Forest of Compiegne · Forest of Villers Cotterets · Forest of Retz · Forest of Crecy · Forest of Abbeville · Forest of Montreuil · Forest of Boulogne · Forest of Calais · Forest of Gravelines · Forest of Bergues · Forest of Cassel · Forest of Hazebrouck · Forest of Aire · Forest of Lillers · Forest of Bethune · Forest of Arras · Forest of Douai · Forest of Lens · Forest of Carvin · Forest of Pont à Vendin · Forest of Pont à Marcq · Forest of Pont à Tressin · Forest of Pont à Bouvines · Forest of Pont à Tournai · Forest of Pont à Mouscron · Forest of Pont à Comines · Forest of Pont à Wervicq · Forest of Pont à Menin · Forest of Pont à Wattrelos · Forest of Pont à Roubaix · Forest of Pont à Tourcoing · Forest of Pont à Lannoy · Forest of Pont à Mouvaux · Forest of Pont à Marcq · Forest of Pont à Tressin · Forest of Pont à Bouvines · Forest of Pont à Tournai · Forest of Pont à Mouscron · Forest of Pont à Comines · Forest of Pont à Wervicq · Forest of Pont à Menin · Forest of Pont à Wattrelos · Forest of Pont à Roubaix · Forest of Pont à Tourcoing · Forest of Pont à Lannoy · Forest of Pont à Mouvaux

Longitude East 3 4 5 6 7 from Greenwich

Latitude 53 52 51 50

Drawn & Engraved by E. Weller. Red Lion Square.

London, Longman & Co.

Digitized by Google

Digitized by Google

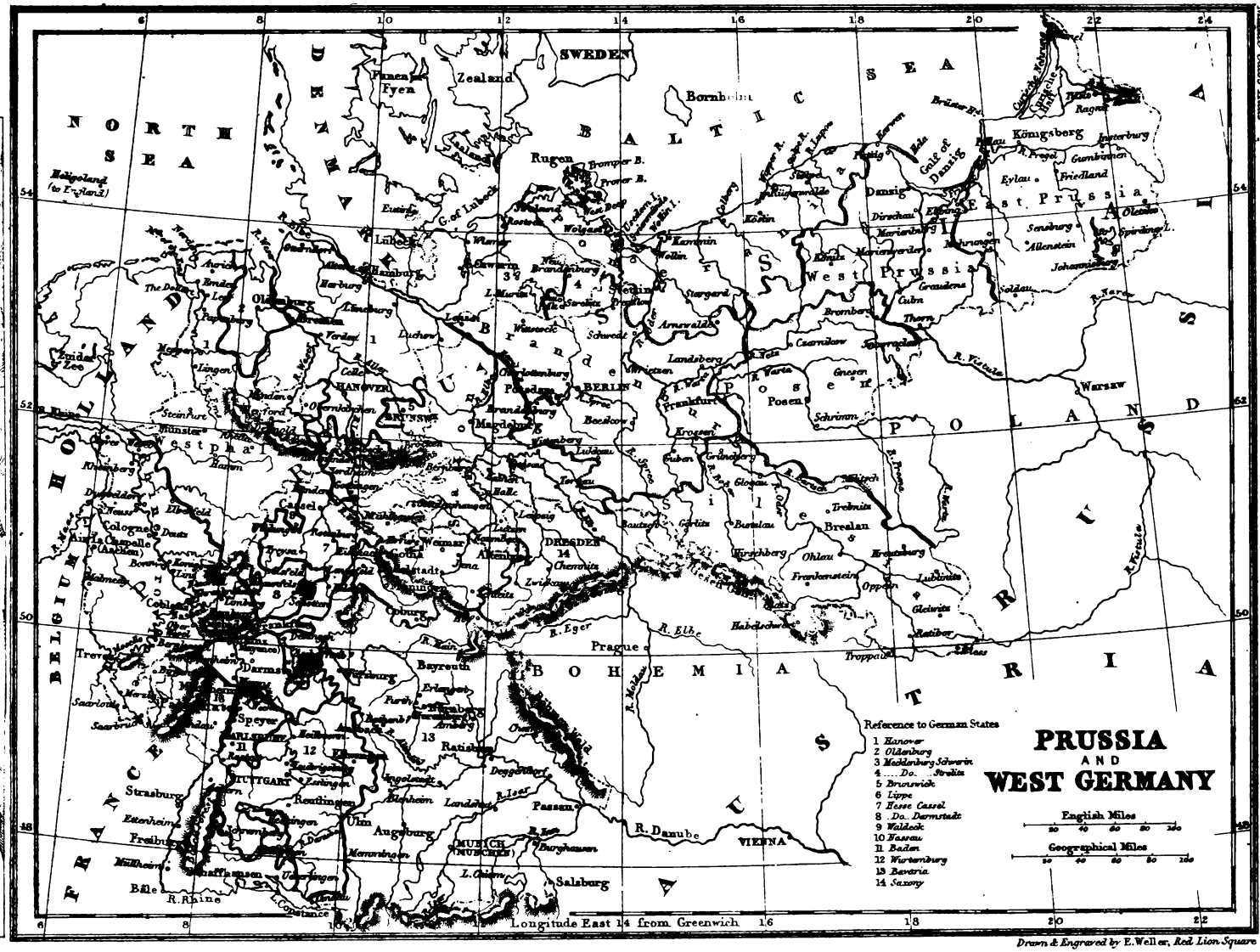
Prussia (Area 308 000 Sq. Miles) — Length 800 Miles — Breadth 440 Miles

West Germany (Area 80,700 Sq. Miles) — Length 480 Miles — Breadth 330 Miles

England & Wales (Area 58,000 Sq. Miles) — Length 420 Miles — Breadth 360 Miles

Heights of the Principal Mountains of Prussia & West Germany

Lengths of the Principal Rivers of Prussia & West Germany



Drawn & Engraved by E. Weller, Red Lion Square

London, Longman & Co.

Digitized by Google

Digitized by Google

Denmark. (Area. 23,000 Sq. Miles)

Length. 300 Miles

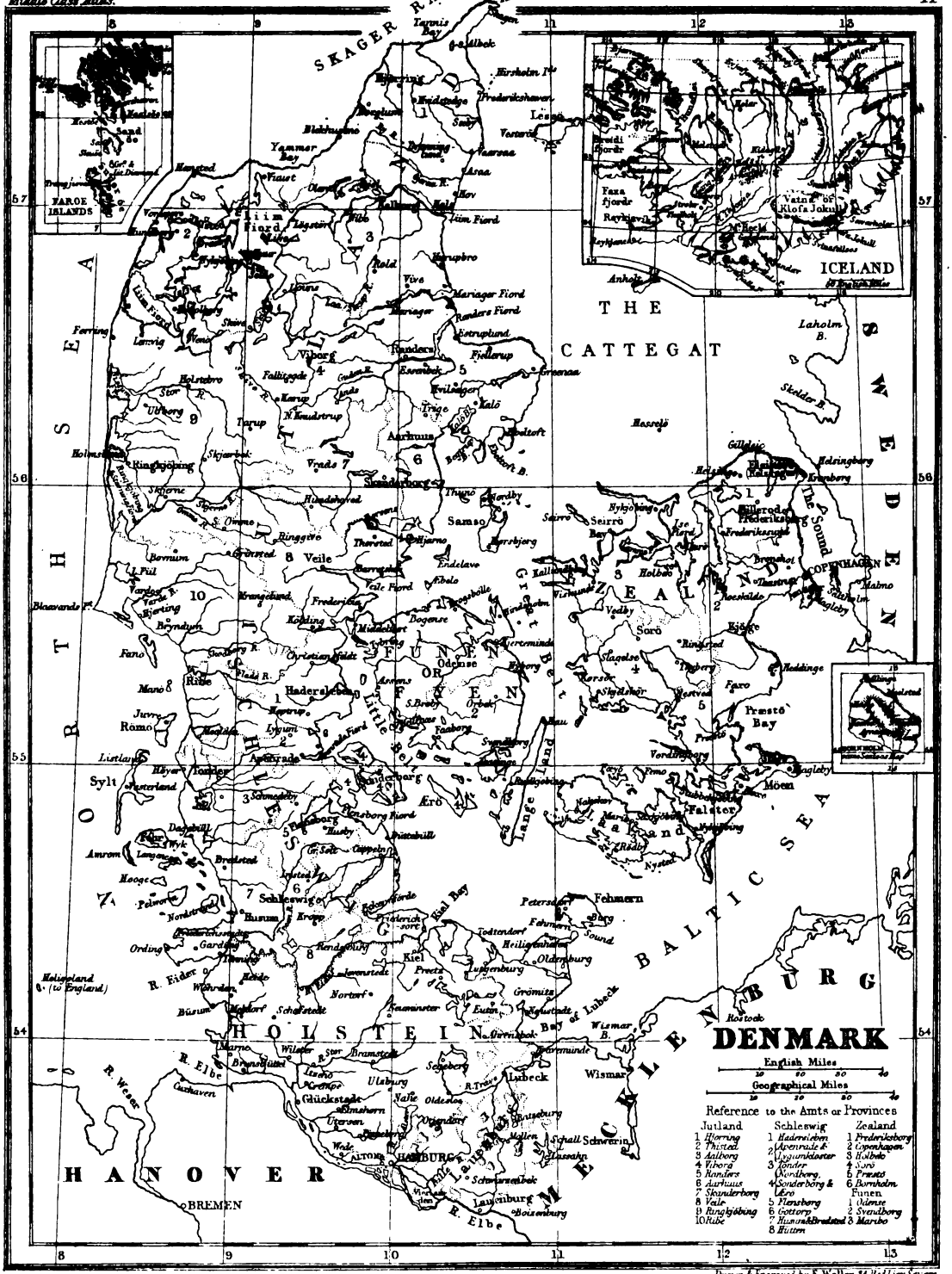
Denmark
Breadth. 210 Miles

England & Wales (Area. 58,000 Sq. Miles)

Length. 490 Miles

England & Wales

Breadth. 360 Miles


SKAGER RACK
The Skaw
Tannis Bay
Hirtshals
Frederikshavn
Læsø
Blokhuus
Yammer Bay
Hanstad
Viaust
Thisted
Løgstør
Vibe
Vium Fiord
Hald
Vive
Mariager Fiord
Randers Fiord
Ferring
Lemvig
Wend
Viborg
Randers
Ebeltoft
Fiellerup
Aarhuus
Vrads
Skanderborg
Holstebro
Falkenede
Ulfborg
Tarup
Holmstrup
Ringkiøbing
Skjerbek
Skjerne
Ribe
Vorbasse
Bovrum
Veile
Veile Fiord
Bleavands Pt.
Frederica
Kolding
Middelfart
Fano
Christian Feldt
Mano
Hadersleben
Romo
Lyngvig
Apenrade
Listland
Sylt
Hoyer
Tonder
Hysterland
Schnedebj
Flensburg
Flensburg Fiord
Husby
Bristebüll
Amrom
Bredsted
Moege
Schleswig
Eckernförde
Rendsburg
Kiel
Preetz
Oldenburg
Lubeck
Wismar
Rostock
Helgoland (to England)
Ording
Gardingen
Heide
Wöhrden
Büsum
Meldorf
Schlotstedt
Neumünster
Eutin
Grömitz
Marne
Brunsbüttel
Wilster
Bramstedt
Itzehoe
Glückstadt
Elmshorn
Uetersen
Pinneberg
Altona
HAMBURG
Ulzburg
Segeberg
Oldesloe
Ratzeburg
Mölln
Schall
Schwerin
Boitzenburg
Lauenburg
Wedel
Cuxhaven
R. Elbe
R. Weser
BREMEN
HANOVER
HOLSTEIN
SCHLESWIG
JUTLAND
THE CATTEGAT
SWEDEN
ZEALAND
COPENHAGEN
Malmo
Helsingborg
Helsingor
Elsinore
The Sound
Hillerod
Frederiksund
Roskilde
Soro
Slagelse
Ringsted
Faxo
Presto
Presto Bay
Vordingborg
Stege
Moen
Falster
Nyksted
Laaland
Langeland
Fehmern
Petersdorf
Todtendorf
Heiligenhafen
Lubsenburg
Grevismühlen
Wismar B.
Travemünde
Travemünde Bay
Gross Bay
Little Belt
Great Belt
Lange Sand
Ærö
Fyen
Odense
Nyborg
Assens
Middelfart
Bogense
Kjerteminde
Svendborg
Nyborg
Kallundborg
Holbek
Vedby
Korsor
Skjelskor
Jægerspris
Frederikssund
Hundested
Kiøge
Heddinge
Faxo
Praes

Digitized by Google

Sweden & Norway (Area 295,000 Sq. Miles) Length 1200 Miles

Sweden & Norway Breadth 450 Miles

England & Wales (Area 58,000 Sq. Miles) Length 480 Miles

England & Wales Breadth 360 Miles

Heights of the Principal Mountains of Sweden & Norway

Lengths of the Principal Rivers of Sweden & Norway

SWEDEN AND NORWAY

English Miles

Geographical Miles

Drawn & Engraved by E. Weller. Red Lion Square

London, Longman & Co.

Digitized by Google

Digitized by Google

Heights of the Principal Mountains of Russia

Lengths of the Principal Rivers of Russia

RUSSIA IN EUROPE

British Miles 100 200 300
Geographical Miles 200 300 360

ARCTIC SEA
White Sea
Gulf of Bothnia
Gulf of Finland
BALTIC SEA
SWEDEN
PRUSSIA
AUSTRIA
BLACK SEA
Sea of Azov
TURKEY
CASPIAN SEA
PERSIA
TRANS CAUCASIA
Archipelago
CONSTANTINOPLE
Smyrna
R. Danube
R. Dniester
R. Dnieper
R. Don
R. Volga
R. Ural
R. Kama
R. Petchora
R. Dwina
R. Onega
R. Tornea
R. Vistula
R. Niemen
R. Pregel
R. Duna
R. Aras
R. Kur
R. Terek
R. Manitch
Lake Ladoga
Lake Onega
Lake Peipus
Lake Ilmen
Lake Aral
Lake Baikal
Lake Tchudskoi
Lake Kolguev
Lake Van
Lake Urmia
Caucasus
Mt. Ararat 17323 ft.
Mt. Elbrus 18572 ft.
Mt. Kazbek 16546 ft.
Mt. Ilmen 5075 ft.
Mt. Massar 5400 ft.
Mts. Ural
Mts. Valdai Hills
Mts. Yablonnoi
Mts. Timan
Mts. Tauric
Mts. Parapamisus
Mts. Hindoo Koosh
Mts. Elburz
Mts. Taurus
Mts. Ararat
Mts. Caucasus
Mts. Kiolen
Mts. Altai
Mts. Stanovoi
Mts. Yablonnoi
Mts. Kamtschatka
Mts. Kirgis
Mts. Kuen Lun
Mts. Himalaya
Mts. Thian Schan
Mts. Belur Tag
Mts. Bolor Tag
Mts. Kara Korum
Mts. Kara Tag
Mts. Kara Dagh
Mts. Kara Kum
Mts. Kara Tau
Mts. Kara Bogas

Digitized by Google

Digitized by Google

Digitized by Google

Switzerland (Area 15,000 Sq. Miles)
Length 210 Miles
England & Wales (Area 58,000 Sq. Miles)
Length 420 Miles

Switzerland
Breadth 140 Miles
England & Wales
Breadth 360 Miles

Middle Class Atlas

SWITZERLAND

English Miles
0 10 20 30

Geographical Miles
5 10 20 30

Reference to Cantons
1 Neufchatel
2 Soleure
3 Basle
4 Argau
5 Valais or Wallis
6 Berne
7 Thurgau
8 Appenzell
9 St Gall
10 Glarus
11 Schwyz
12 Zug
13 Ury or Uri
14 Unterwalden
15 Lucern or Lucerne
16 Bern or Berne
17 Fribourg
18 Vaud
19 Ticino
20 Grisons or Tuscs
21 Geneva
22 Geneva

Heights of the Principal Mountains of Switzerland

Lengths of the Principal Rivers of Switzerland

London Longman & Co.

Digitized by Google

Digitized by Google

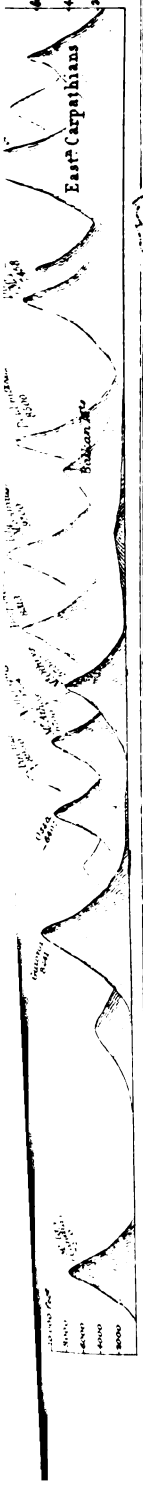
Italy (Area 112,306 Sq. Miles) Length 720 Miles
England & Wales (Area 58,000 Sq. Miles) Length 420 Miles
Italy Breadth 380 Miles
England & Wales Breadth 360 Miles
Middle Class Atlas
16
Heights of the Principal Mountains of Italy
Lengths of the Principal Rivers of Italy
Note.
The divisions of Italy are:
1. The Kingdom of Italy 98,160 sq. ms
2. The Papal Possessions 4,502 . .
3. Venetia 8,590 . .
4. The Republic of San Marino 26 . .
The King of Sardinia proclaimed King of Italy at Naples, Sept. 1860.
SWITZERLAND
FRANCE
AUSTRIA
TURKEY
CORSICA
(to France)
SARDINIA
MEDITERRANEAN SEA
ADRIATIC SEA or GULF OF VENICE
Gulf of Taranto
ITALY
British Miles
Geographical Miles
Longitude East of Greenwich
London: Longman & Co
Drawn & Engraved by E. Weller, 34, Red Lion Square
Digitized by Google

Digitized by Google

Greece (Area 15,000 Sq. Miles) Length 210 Miles
Turkey in Europe (Area 200,000 Sq. Miles) Length 720 Miles
England & Wales (Area 58,000 Sq. Miles) Length 420 Miles

Greece Breadth 160 Miles
Turkey in Europe Breadth 690 Miles
England & Wales Breadth 360 Miles

Heights of the Principal Mountains of Turkey in Europe, Greece



Lengths of the Principal Rivers of Turkey in Europe & Greece

TURKEY IN EUROPE AND GREECE

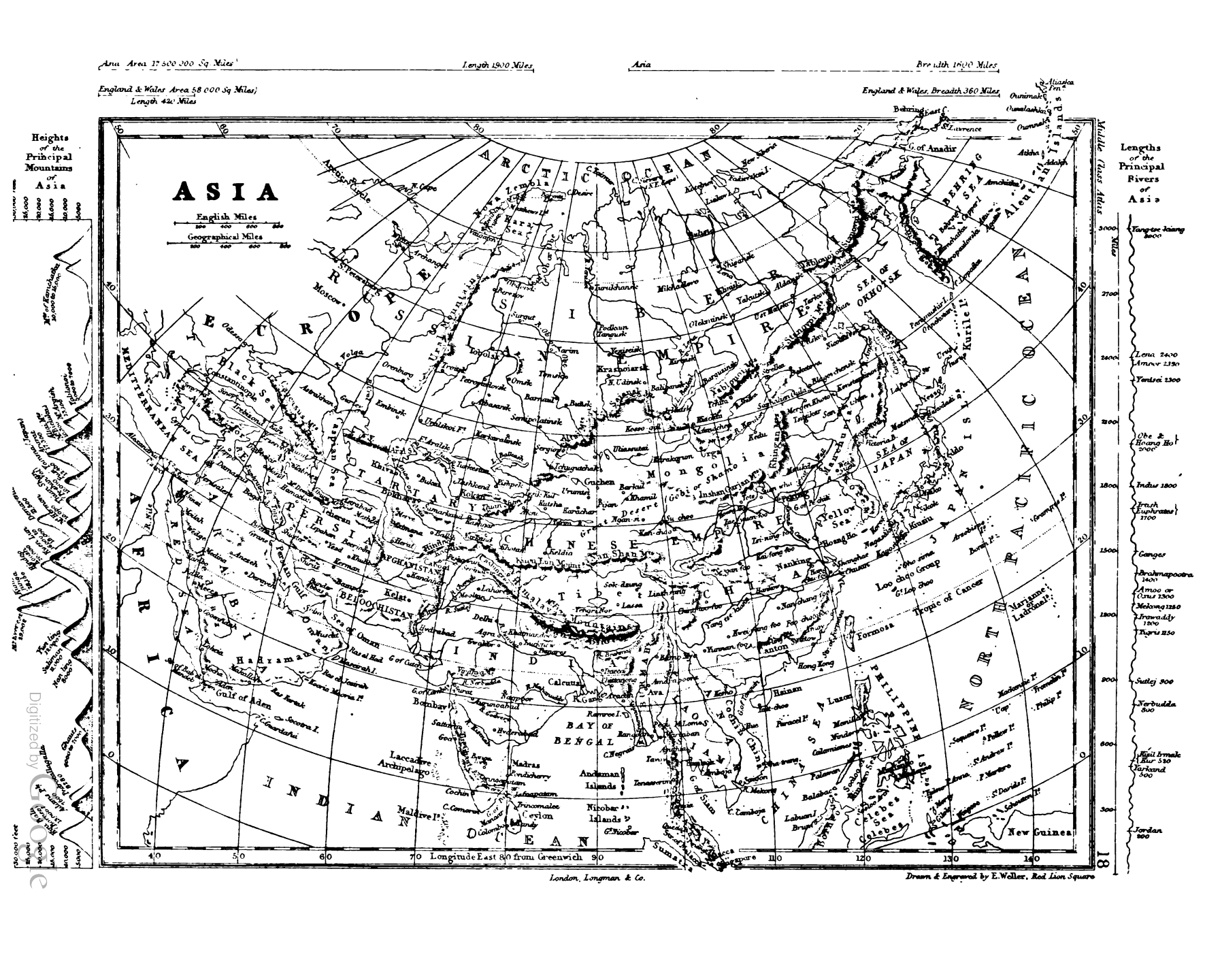
British Miles 25 50 100 150
Geographical Miles 25 50 100 150

Longitude East 20 of Greenwich

London, Longman & Co Edw.d Weller

Digitized by Google

Digitized by Google


Area 17 500 000 Sq Miles
Length 1900 Miles
Asia
Breadth 1600 Miles
England & Wales Area 58 000 Sq Miles
Length 420 Miles
England & Wales, Breadth 360 Miles
Heights of the Principal Mountains of Asia
Lengths of the Principal Rivers of Asia
Middle Class Atlas
ASIA
English Miles
Geographical Miles
ARCTIC OCEAN
PACIFIC OCEAN
INDIAN OCEAN
EUROPEAN RUSSIA
SIBERIA
EMPIRE
TARTARY
CHINESE EMPIRE
Mongolia
INDIA
PERSIA
ARABIA
AFRICA
JAPAN
BAY OF BENGAL
Black Sea
Caspian Sea
Sea of Japan
Yellow Sea
Sea of Okhotsk
Behring Sea
Aleutian Islands
Kurile I.s
Philippine Islands
Formosa
Hainan
Ceylon
Borneo
New Guinea
Celebes
Java
Sumatra
Tropic of Cancer
Equator
Longitude East from Greenwich
Yangtze kiang 3600
Lena 2400
Amoor 2300
Yenisei 2300
Obe & Hoang Ho 2900
Indus 1800
Euph Euphrates 1700
Ganges
Brahmapootra 1400
Amoo or Oxus 1300
Mekong 1250
Irrawaddy 1200
Tigris 1150
Sutlej 900
Nerbudda 800
Red Sea 1300
Yarkland 500
Jordan 200
London, Longman & Co.
Drawn & Engraved by E.Weller, Red Lion Square
18

Digitized by Google

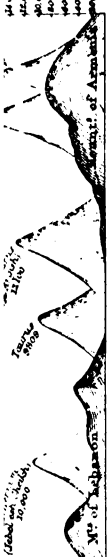
Turkey in Asia (Area 500,000 Sq. Miles) Length 1400 Miles — Turkey in Asia Breadth 900 Miles

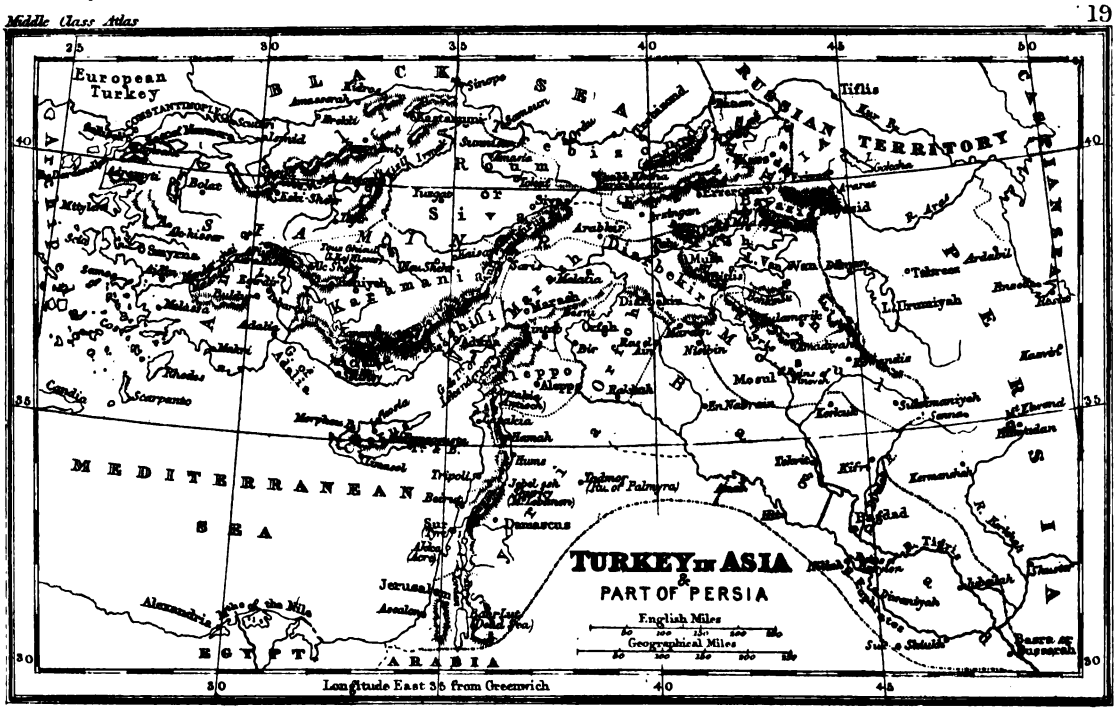
England & Wales (Area 58,000 Sq. Miles) Length 420 Miles — England & Wales Breadth 360 Miles

Middle Class Atlas

19

Heights of the Principal Mountains of Turkey in Asia & Palestine

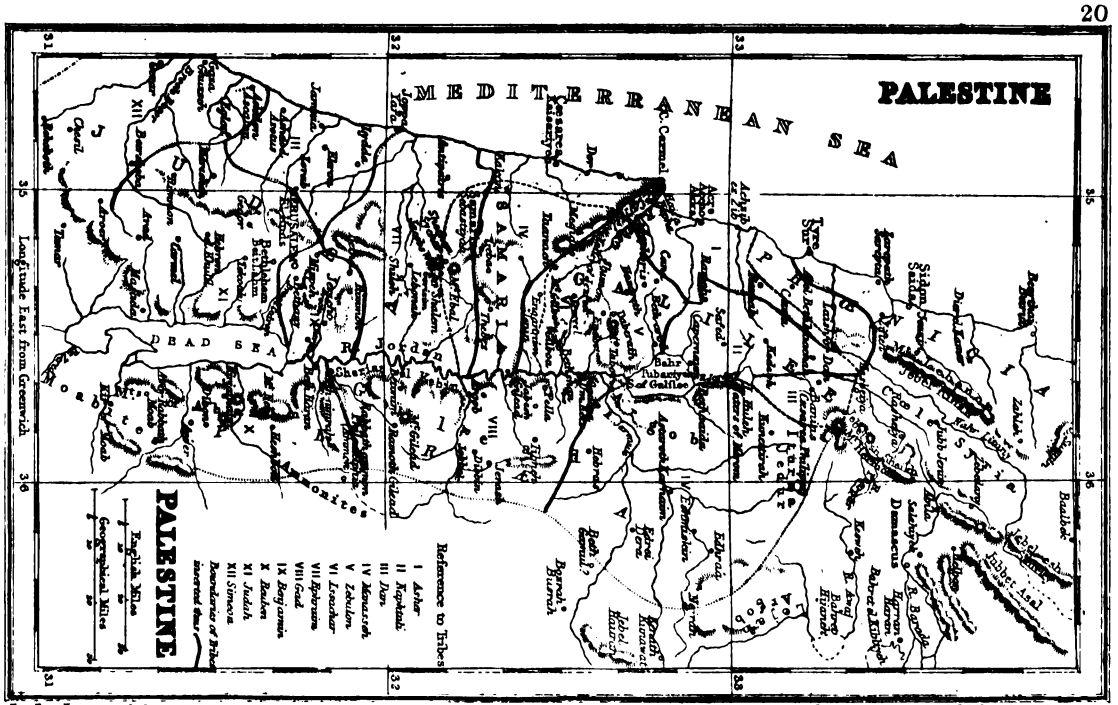




Palestine (Area 12,000 Sq. Miles) Length 220 Miles — Palestine Breadth 100 Miles

England & Wales (Area 58,000 Sq. Miles) Length 420 Miles — England & Wales Breadth 360 Miles

20



London, Longman & Co. — Drawn & Engraved by E. Weller, Red Lion Square

Digitized by Google

Digitized by Google

India. (Area 1,300,000 Sq. Miles) Length 1900 Miles

India. Breadth 1600 Miles

England & Wales (Area 58,000 Sq. Miles) Length 420 Miles

England & Wales Breadth 360 Miles

Heights of the Principal Mountains of India

Lengths of the Principal Rivers of India

INDIA OR HINDOSTAN

English Miles 0 100 200 300

Geographical Miles 0 100 200 300

References to Colours

British Possessions ..... Red.

States under British Protection ..... Yellow

Independent States ..... Green

Drawn & Engraved by E. Walker, Red Lion Square

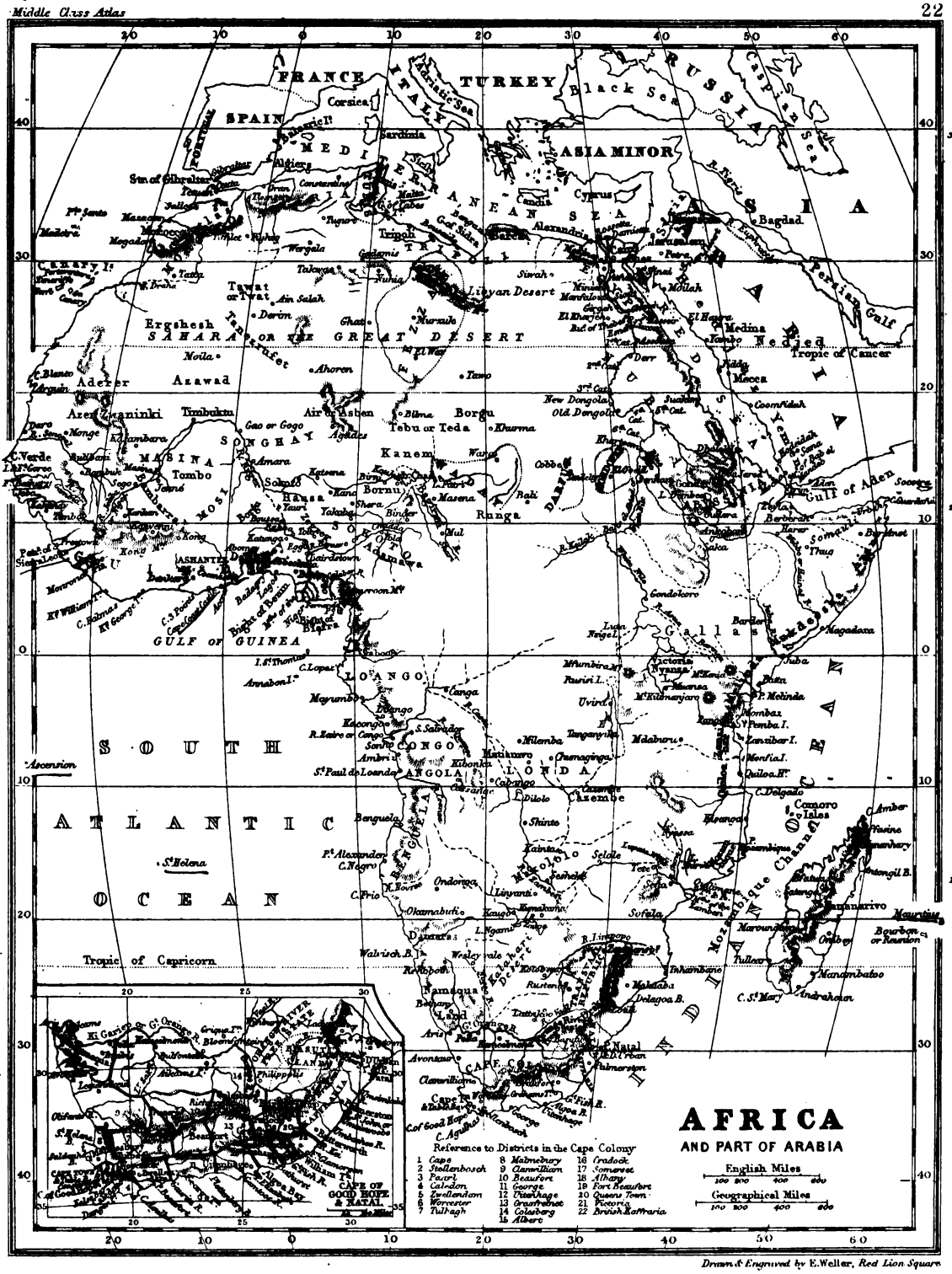
London, Longman & Co.

Digitized by Google

Digitized by Google

Heights of the Principal Mountains of Africa

Lengths of the Principal Rivers of Africa



Drawn & Engraved by E. Weller, Red Lion Square

London, Longman & Co.

Digitized by Google

Digitized by Google

North America (Area 7,700,000 Sq. Miles) | Length 5600 Miles | North America | Breadth 3100 Miles

England & Wales (Area 58 000 Sq. Miles) Length 420 Miles | England & Wales Breadth 360 Miles

Heights of the Principal Mountains of North America

Lengths of the Principal Rivers of North America

NORTH AMERICA

English Miles 100 200 300 400 500 600

Geographical Miles 100 200 300 400 500 600

Longitude West 100 from Greenwich

London, Longman & Co.

Drawn & Engraved by E. Weller, Red Lion Square

Digitized by Google

Digitized by Google

British Columbia Area 233,000 Sq Miles
Length 1,200 Miles
England & Wales Area 58,000 Sq Miles
Length 420 Miles

British Columbia
Breadth 230 Miles
England & Wales
Breadth 360 Miles

British Colonies (Canada &c.) Area 443,361 Sq Miles)
Length 1200 Miles
England & Wales (Area 58,000 Sq Miles)
Length 420 Miles

British Colonies (Canada &c.
Breadth 300 Miles
England & Wales
Breadth 360 Miles

Mountains in British America

Lengths of the Principal Rivers of British America.

BRITISH COLONIES IN NORTH AMERICA

English Miles
0 100 200

Geographical Miles
60 200 300

BRITISH COLUMBIA
English Miles
0 300

CANADA WEST
CANADA EAST
NEW BRUNSWICK
NOVA SCOTIA
NEWFOUNDLAND
UNITED STATES
LAKE HURON
LAKE ERIE
LAKE ONTARIO
GULF OF ST LAWRENCE
ATLANTIC OCEAN
RUPERT'S LAND

Longitude West from Greenwich

Middle Class Atlas

24

London, Longman & Co.

Edwd Weller.

Digitized by Google

Digitized by Google

United States Area 3 306 000 Sq. Miles; Length 2700 Miles — United States Breadth 1600 Miles

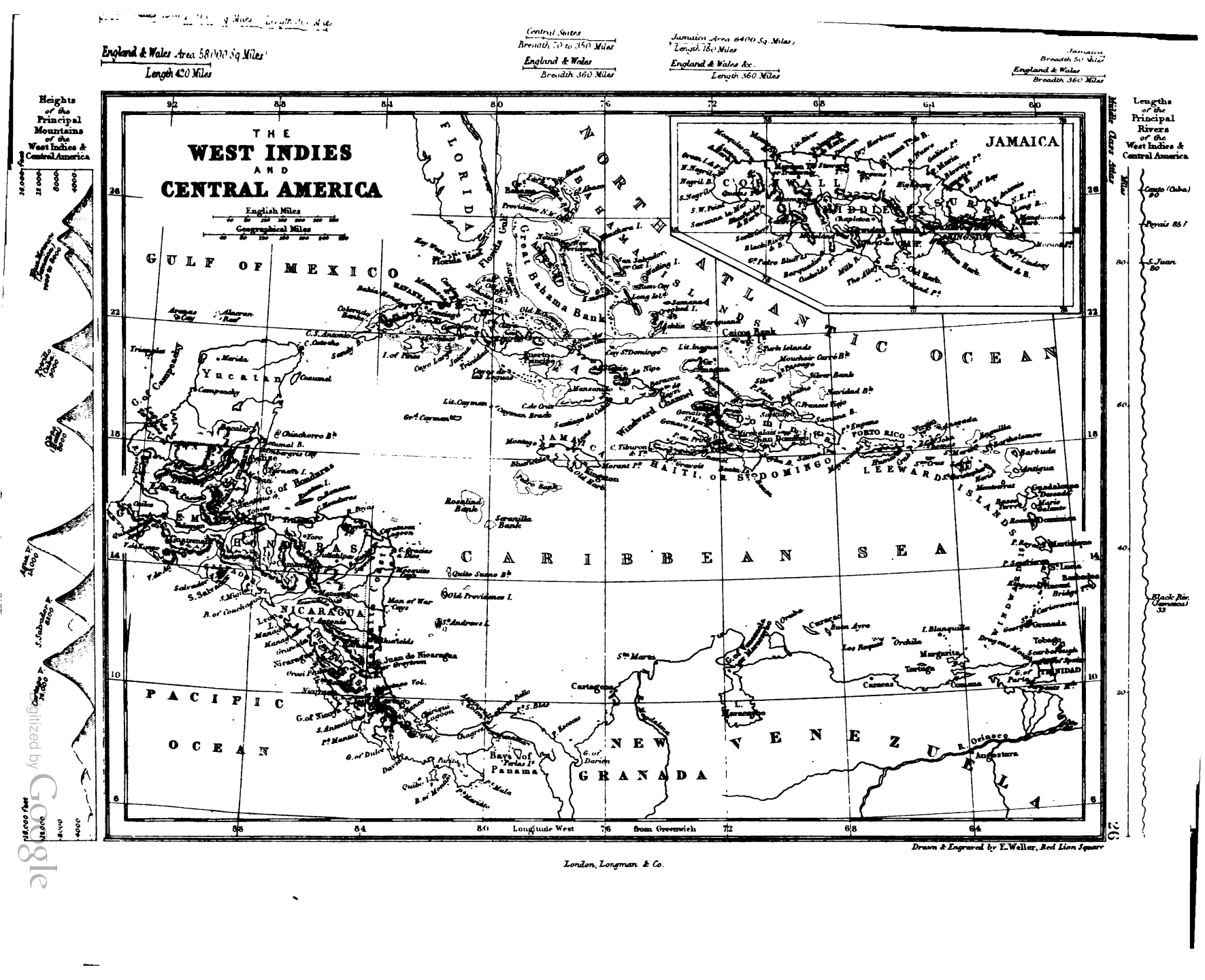
England & Wales Area 58 000 Sq. Miles; Length 420 Miles — England & Wales Breadth 360 Miles

Heights of the Principal Mountains of the United States

Lengths of the Principal Rivers of the United States

Digitized by Google

Digitized by Google


England & Wales Area 58,000 Sq. Miles
Length 420 Miles
Central States
Breadth 70 to 350 Miles
England & Wales
Breadth 360 Miles
Jamaica Area 6400 Sq. Miles
Length 78 Miles
England & Wales &c.
Length 360 Miles
Jamaica
Breadth 50 Miles
England & Wales
Breadth 360 Miles
Heights of the Principal Mountains of the West Indies & Central America
Lengths of the Principal Rivers of the West Indies & Central America
THE
WEST INDIES
AND
CENTRAL AMERICA
English Miles
Geographical Miles
JAMAICA
GULF OF MEXICO
NORTH ATLANTIC OCEAN
CARIBBEAN SEA
PACIFIC OCEAN
Yucatan
HONDURAS
NICARAGUA
NEW GRANADA
VENEZUELA
HAITI, or St. DOMINGO
PORTO RICO
LEEWARD ISLANDS
WINDWARD ISLANDS
TRINIDAD
Great Bahama Bank
Caicos Bank
Rosalind Bank
Serranilla Bank
Old Providence I.
Bay of Panama
Gulf of Darien
Longitude West from Greenwich
Drawn & Engraved by E. Weller, Red Lion Square
London, Longman & Co.

Digitized by Google

South America (Area 7,000,000 Sq. Miles) — Length 4500 Miles — South America — Breadth 3000 Miles

England & Wales (Area 58,000 Sq. Miles) Length 420 Miles — England & Wales Breadth 360 Miles

Middle Class Atlas

SOUTH AMERICA

English Miles

Geographical Miles

Heights of the Principal Mountains of South America

Lengths of the Principal Rivers of South America

Amazon 3600

Parana 2200

Madeira

S. Francisco Orinoco 1600

Paraguay 1300

Tocantins 1100

Araguay 1000

Purus 1300

Paranahyba 750

Putumayo 750

Negro (South) 650

Esequibo 450

Corentyn 450

Surinam 300

CARIBBEAN SEA

NORTH ATLANTIC OCEAN

SOUTH ATLANTIC OCEAN

PACIFIC OCEAN

VENEZUELA

NEW GRANADA

ECUADOR

PERU

BOLIVIA

BRAZIL

CHILI

PATAGONIA

URUGUAY, OR BANDA ORIENTAL

BRITISH GUIANA

Dutch Guiana

Falkland Is.

Tropic of Capricorn

C. Horn

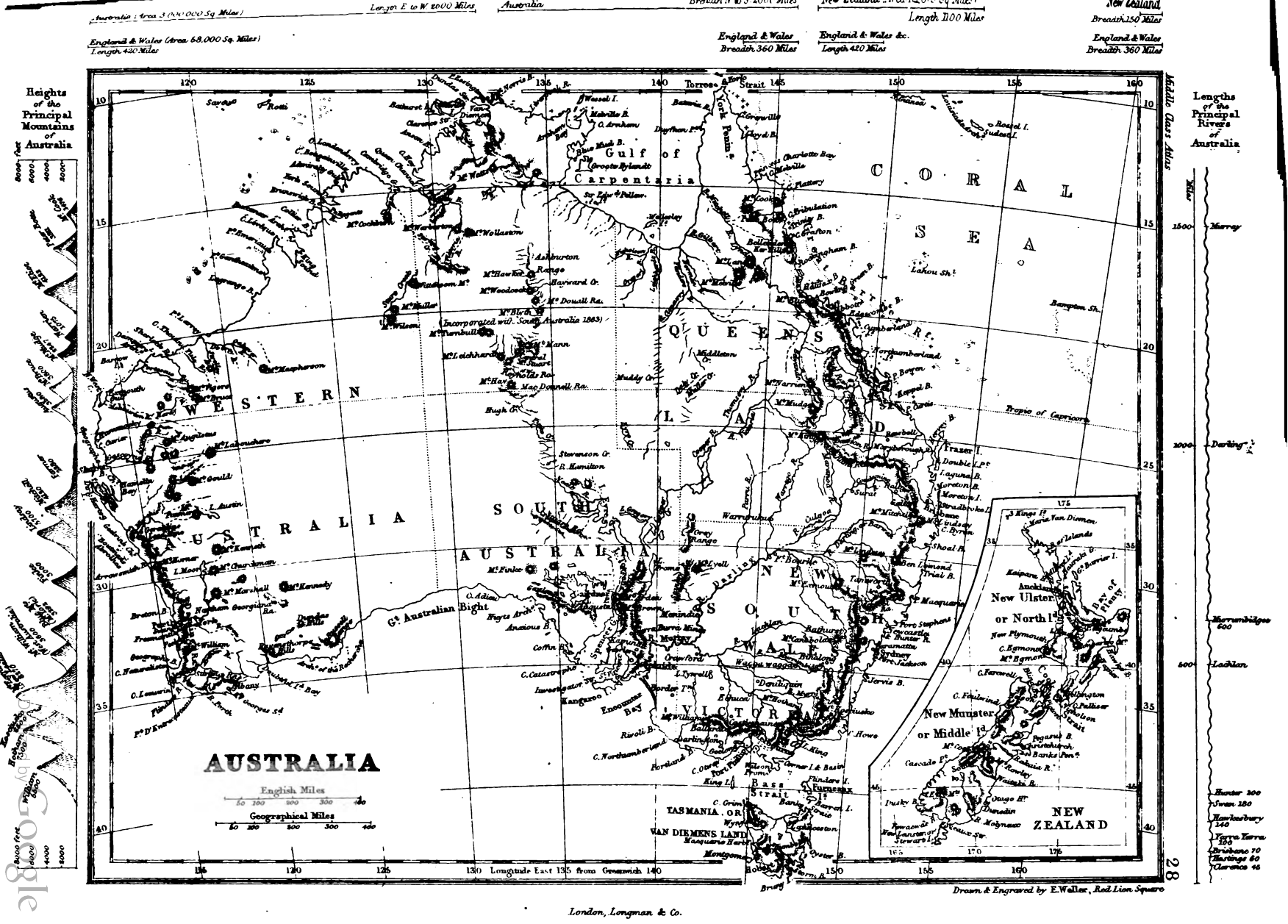
60 Longitude West 50 of Greenwich

Drawn & Engraved by E. Weller, Red Lion Square

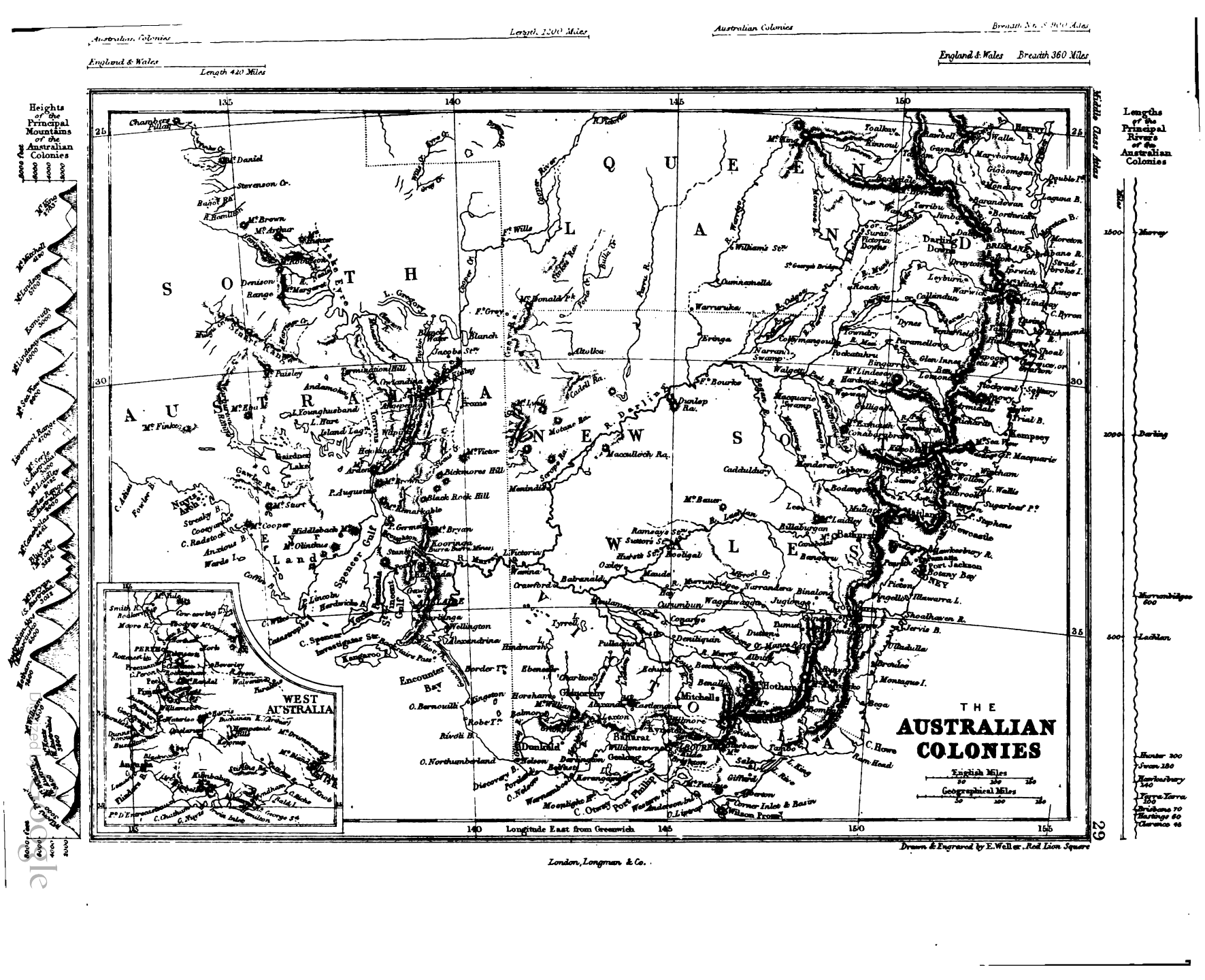
London, Longman & Co.

Digitized by Google

Digitized by Google


Australia (Area 3,000,000 Sq Miles)
Length E to W 2000 Miles
Breadth N to S 2000 Miles
England & Wales (Area 68,000 Sq Miles)
Length 420 Miles
Australia
New Zealand (Area 122,675 Sq Miles)
Length 1100 Miles
England & Wales
Breadth 360 Miles
England & Wales &c.
Length 420 Miles
New Zealand
Breadth 150 Miles
England & Wales
Breadth 360 Miles
Heights of the Principal Mountains of Australia
Middle Class Miles
Lengths of the Principal Rivers of Australia
Murray
Darling
Murrumbidgee 600
Lachlan
Hunter 200
Swan 180
Hawkesbury 140
Yarra Yarra 130
Brisbane 70
Hastings 60
Clarence 45
Gulf of Carpentaria
C O R A L
S E A
Torres Strait
Arafura Sea
Timor Sea
Indian Ocean
Gt Australian Bight
Bass Strait
Tasmania or Van Diemens Land
Macquarie Harbour
Western Australia
South Australia
Queensland
New South Wales
Victoria
New Ulster or North Is
New Munster or Middle Is
NEW ZEALAND
Tropic of Capricorn
Lahou Sh.
Bampton Sh.
Fraser I.
Double I. Pt
Laguna B.
Moreton I.
Sandy Cape
Hervey B.
Port Curtis
Port Bowen
Port Denison
Keppel B.
Broad Sd
Shoal B.
Ben Lomond
Trial B.
Port Stephens
Hunter R.
Sydney
Port Jackson
Wollongong
Jervis B.
Twofold B.
Gabo I.
Cape Howe
Portland
Port Fairy
Belfast
Port Phillip
Geelong
Melbourne
Western Port
Sydney
Wellington
Nelson
Cook Strait
Pegasus B.
Christchurch
Banks Penn.
Akaroa
Otago H.
Dunedin
Foveaux Str.
Stewart I.
Auckland
Bay of Plenty
Cape Farewell
Milford Sd
Preservation Inlet
Port Chalmers
Hokianga
Kaipara
Manukau
Waitemata
Mercury B.
Three Kings Is
Maria Van Diemen
Bay of Islands
Cape Brett
Great Barrier I.
Poor Knights Is
Mayor I.
Volkner Mt
Ruapehu Mt
Egmont Mt
Taranaki
Cape Egmont
Foveaux Str.
Port Essington
Melville I.
Bathurst I.
Port Darwin
Van Diemens Gulf
Croker I.
Groote Eylandt
Wessel I.
Arnhem B.
Blue Mud B.
Limmen Bight
Sir Edw. Pellew Is
Wellesley Is
Sweers I.
Torres Str. Pilot
Booby I.
Cape York
Albany I.
Cape Grafton
Cape Tribulation
Trinity B.
Hinchinbrook I.
Rockingham B.
Edgecumbe B.
Repulse B.
Whitsunday I.
Port Denison
Gladstone
Port Curtis
Port Bowen

Digitized by Google


Australian Colonies
Length 2200 Miles
Australian Colonies
Breadth N. & S. 900 Miles
England & Wales
Length 420 Miles
England & Wales
Breadth 360 Miles
Heights of the Principal Mountains of the Australian Colonies
Lengths of the Principal Rivers of the Australian Colonies
Middle Class Atlas
Longitude East from Greenwich
Drawn & Engraved by E. Weller, Red Lion Square
London, Longman & Co.
THE AUSTRALIAN COLONIES
WEST AUSTRALIA
Murray
Darling
Murrumbidgee
Lachlan
Hunter
Swan
Hawkesbury
Yarra Yarra
Brisbane
Hastings
Clarence
English Miles
Geographical Miles

Digitized by Google

Digitized by Google

Digitized by Google

BOUND BY
EDMONDS&REMNANTS
Digitized by Google